

# Utah Water Supply Outlook Report

March 1, 2006



Midway Valley 2005 versus 2006. Photos by Tim Bardsley, NRCS, USDA .

## Water Supply Outlook Reports and Federal - State - Private Cooperative Snow Surveys

For more water supply and resource management information, contact:

Vane O. Campbell, Area Conservationist, 340 N. 600 E., Richfield, UT 84701 - Phone: (435) 896-6441 Todd C. Nielson, Area Conservationist, 302 E. 1860 S., Provo, UT 84606 - Phone: (801) 377-5580 Barry Hamilton, Area Conservationist, 540 W, Price River Dr. Price, UT 84501-2813 - Phone: (435) 637-0041 Snow Survey Staff, 245 N Jimmy Doolittle Rd, SLC Utah, 84041 - Phone: (801)524-5213

Internet Address: http://www.ut.nrcs.usda.gov/snow/

### How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snowcourses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

### STATE OF UTAH GENERAL OUTLOOK Mar 1, 2006

### **SUMMARY**

In Utah, it seems as though all you have to do is mention the possibility of a poor month and bang, there it happens. February, while not the lowest accumulation on record, certainly was a contrast to the weather patterns experienced in January. Bright, sunny days while so enjoyable, just don't add to snowpacks. One consistent thing about the weather patterns of 2006 that continued in February is that the north received more precipitation and snowpack accumulation than did the south. However, the entire state was a little on the dry side this February which means that snowpacks went from the 120%-145% range down to the 100%-120% range in the north. In southwestern Utah, snowpacks are now at 44% of average. As poor as that is, in some areas of southeastern Utah such as the Abajo Mountains, snowpacks are only a miniscule 22% of average, bouncing off the record lows for the area. Many areas below 8000 feet elevation on the Sevier, Virgin and southeastern Utah have melted out or have extremely low snowpacks. Snowpack accumulation in February ranged from a paltry 18% over southwest Utah to between 62% and 72% in the northern areas. The Bear River Basin is now slightly above its normal April 1 value and both the Weber and Provo watersheds are very close to that value as well. A good March accumulation will put these areas into excellent water supply conditions. Southern Utah in not nearly as likely to have such an outcome as on the Virgin which needs almost 550% of average in March to get back to normal and there is only a 26% chance of actually getting that kind of accumulation. Soil moisture values in water producing areas are much less than last year statewide but more so in the south. The Virgin has only half the soil moisture of last year. This could have a significant impact on spring runoff, particularly in the south. Overall, soil moisture values range from 12% on the Escalante to 58% of saturation in the upper 24 inches of soil on the Bear River. Precipitation for February was much below normal at 65%. This brings the seasonal precipitation, (Oct-Feb) to 104%. Low reservoir storage is becoming less of a concern with total reservoir storage at 68% of capacity, up 23% from last year. The area of greatest drought concern is rapidly becoming most of southeastern and southwestern Utah. In particular, the Monticello area could be hard hit with forecast streamflow in the 5% to 10% range. The Bear River basin has relatively poor reservoir storage but otherwise decent streamflow prospects. In general, most areas of the state have excellent reservoir carryover. General water supply conditions are near average and have been improving over the past year with the exception of southwestern and southeastern Utah. Streamflow forecasts range from 6% to 129% of average. Surface Water Supply Indices range from 21% on the Bear River, to 88% on the Provo.

### **SNOWPACK**

March first snowpacks as measured by the NRCS SNOTEL system range from 44% in southwest Utah to 121% on the Bear River Watershed. In select areas of southeastern Utah, snowpacks are as low as 22% of average. Northern snowpacks are similar or in the case of the Bear, higher than last year. Low elevation snowpacks are below normal except in the north. With only one month of accumulation left, northern Utah appears to be in good shape with 80 to 90% probability of at least average conditions and the Sevier, southeastern and southwestern Utah need 180% to 546% of average accumulation to reach normal.

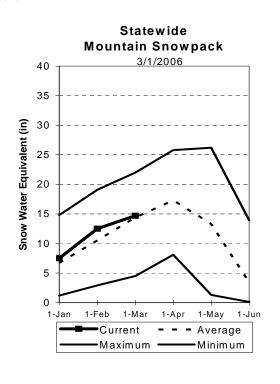
### **PRECIPITATION**

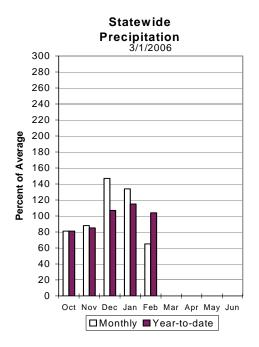
Mountain precipitation during February was only 65% of average statewide. Precipitation was lower in southern Utah (48%) and much higher in the north (71%). This brings the seasonal accumulation (Oct-Feb) to 104% of average statewide. A dry fall and early winter has reduced soil moisture values considerably and this could negatively impact spring runoff.

Storage in 41 of Utah's key irrigation reservoirs is at 68% of capacity. This is an increase of 23% from last year. Reservoirs across the State have been making steady gains in storage. Bear Lake really is the last reservoir to remain in an extremely low condition due to the prolonged drought.

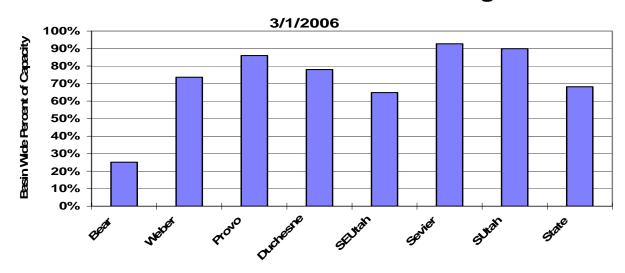
### **STREAMFLOW**

Snowmelt streamflows are expected to be much below average to above average across the state of Utah this year. Forecast streamflows range from 6% on Recapture Creek near Blanding to 129% of average for Wheeler Creek on the Ogden Basin. Most flows are forecast to be in the 60% to 110% range. Overall water supply conditions are improving in the north and declining in the south.





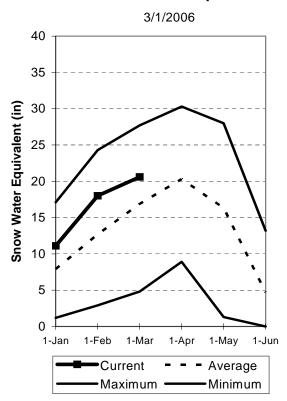
### **Statewide Basin Reservoir Storage**



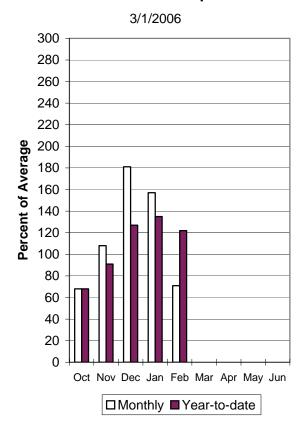
### Bear River Basin March 1, 2006

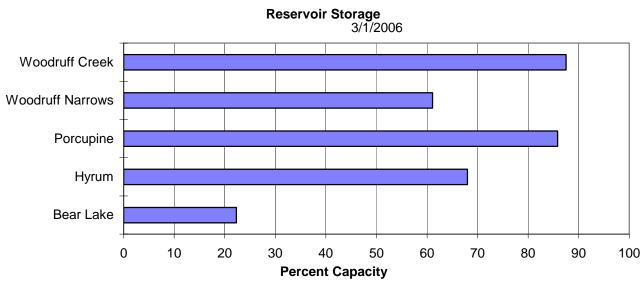
Snowpacks on the Bear River Basin are above average at 121% of normal, about 118% of last year and down 21% relative to last month. Specific sites range from 87% to 174% of normal. February precipitation was below average at 71%, which brings the seasonal accumulation (Oct-Feb) to 122% of average. Soil moisture levels in runoff producing areas are at 58% of saturation in the upper 2 feet of soil compared to 68% last year. Forecast streamflows range from near to above average (109%-129%) volumes this spring. Reservoir storage is extremely low at 25% of capacity, 21% more than last year. The Surface Water Supply Index is at 21% for the Bear River, or 79% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage but improved significantly over last two years.





### **Bear River Precipitation**





### BEAR RIVER BASIN Streamflow Forecasts - March 1, 2006

	:======	   <<=====	Drier ====	== Future Co	nditions ==	====== Wetter	=====>>	
Forecast Point	Forecast Period	   ======   90%   (1000AF)	70% (1000AF)	= Chance Of F 50 (1000AF)		30% (1000AF)	10% (1000AF)	   30-Yr Avg.   (1000AF)
Bear River nr UT-WY State Line	APR-JUL	96	113	125	111	137	154	113
Bear River ab Reservoir nr Woodruff	APR-JUL	101	129	148	109	167	195	136
Big Creek nr Randolph	APR-JUL	4.0	5.1	5.8	118	6.5	7.6	4.9
Smiths Fork nr Border	APR-JUL	103	117	126	122	135	149	103
Bear River at Stewart Dam	APR-JUL	170	216	250	107	287	345	234
Little Bear River at Paradise	APR-JUL	34	44	52	113	60	74	46
Logan R Abv State Dam Nr Logan	APR-JUL	126	147	163	129	179	205	126
Blacksmith Fk Abv Up&L Dam Nr Hyrum	APR-JUL	38	50	59	123	69	84	48
				l				

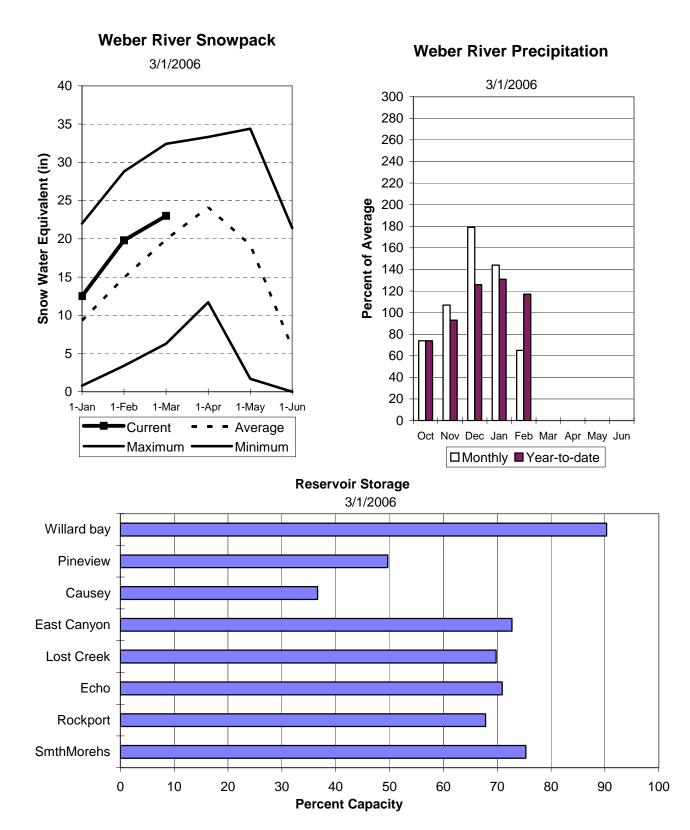
BEA Reservoir Storage	R RIVER BASIN (1000 AF) - End		BEAR RIV. Watershed Snowpack A		March 1, 2	2006		
Reservoir	Usable   Capacity	*** Usa This Year	ble Storag Last Year	e *** Avg	Watershed	Number of ta Sites	This Year	
BEAR LAKE	1302.0	290.3	17.0		BEAR RIVER, UPPER (abv Ha	6	108	118
HYRUM	15.3	10.4	10.4	11.0	BEAR RIVER, LOWER (blw Ha	8	126	124
PORCUPINE	11.3	9.7	7.0	5.6	LOGAN RIVER	4	119	132
WOODRUFF NARROWS	57.3	35.0	19.0	27.6	RAFT RIVER	1	239	174
WOODRUFF CREEK	4.0	3.5	2.0		BEAR RIVER BASIN	14	119	122

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.(2) - The value is natural volume - actual volume may be affected by upstream water management.

### Weber and Ogden River Basins March 1, 2006

Snowpack on the Weber and Ogden Watersheds is above average at 115%, about 97% of last year and down 18% relative to last month. Individual sites range from 96% to 156% of average. February precipitation was much below average at 65% bringing the seasonal accumulation (Oct-Feb) to 117% of average. Soil moisture levels in runoff producing areas are at 54% of saturation in the upper 2 feet of soil compared to 69% last year. Streamflow forecasts range from 106% to 129% of average. Reservoir storage is at 74% of capacity, about 18% more than last year. The Surface Water Supply Index is at 83% for the Weber River and at 55% for the Ogden River. Overall water supply conditions are near to above normal and improving.



### \_\_\_\_\_

WEBER & OGDEN WATERSHEDS in Utah Streamflow Forecasts - March 1, 2006

		<<=====	<<===== Drier ===== Future Conditions ====== Wetter ====>>					
		!						
Forecast Point	Forecast							20 25
	Period	90% (1000AF)	70% (1000AF)	50		30%	10%	30-Yr Avg.
		(1000AF)	(1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)	(1000AF)
Smith & Morehouse Res inflow	APR-JUL	 28	33		106	   39	44	34
						İ		
Weber River nr Oakley	APR-JUL	107	124	135 	110	146 	163	123
Rockport Resv Inflow Nr Wanship	APR-JUL	109	133	149	111	165	189	134
Weber River nr Coalville	APR-JUL	113	138	   155	113	   172	197	137
Weber River in Coalville	AFR-UUL	113	130	133	113	1/2	197	137
Chalk Creek at Coalville	APR-JUL	27	38	45	100	52	63	45
Echo Reservoir inflow	APR-JUL	147	178	   199	111	   220	250	179
						į		
Lost Creek Reservoir inflow	APR-JUL	12.0	16.4	19.8 	113	24 	30	17.6
East Canyon Reservoir inflow	APR-JUL	29	35	40	129	45	53	31
Weber River at Gateway	APR-JUL	330	395	   435	123	   475	540	355
-				İ		İ		
SF Ogden River nr Huntsville	APR-JUL	51	64	72	113	80	93	64
Pineview Reservoir inflow	APR-JUL	101	126	143	108	   160	185	133
Wheeler Creek nr Huntsville	APR-JUL	5.8	7.2	   8.1	129	9.0	10.4	6.3
						I		

WEBER & OGDEN W					EN WATERSHEDS :			
Reservoir Storage (100	0 AF) - End	of Februa	ary		Watershed Snowp	ack Analysis -	March 1, 2	2006
Reservoir	Usable   Capacity	*** Usal This Year	ole Storag Last Year	ge *** Avg	Watershed	Number of Data Sites		r as % of  Average
CAUSEY	7.1	2.6	3.2	2.6	OGDEN RIVER	4	99	106
EAST CANYON	49.5	36.0	35.9	35.4	WEBER RIVER	9	99	121
ECHO	73.9	52.4	46.3	51.0	WEBER & OGDEN WATERS	HEDS 13	99	115
LOST CREEK	22.5	15.7	5.7	13.9				
PINEVIEW	110.1	54.7	66.9	52.6				
ROCKPORT	60.9	41.3	42.5	33.2				
WILLARD BAY	215.0	194.2	97.7	154.9				

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

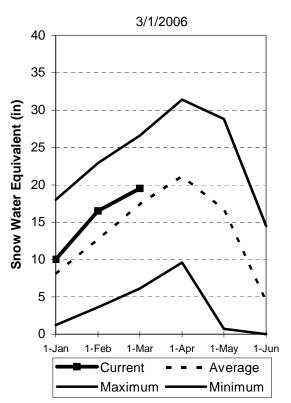
<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

<sup>(2) -</sup> The value is natural volume - actual volume may be affected by upstream water management.

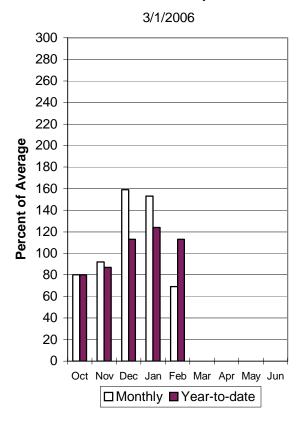
### Utah Lake, Jordan River & Tooele Valley Basins Mar 1, 2006

Snowpacks over these watersheds are above average at 112%, 89% of last year. Individual sites range from 68% to 150% of average. February precipitation was much below average at 69%, bringing the seasonal accumulation (Oct-Feb) to 113% of average. Soil moisture levels in runoff producing areas are at 47% of saturation in the upper 2 feet of soil compared to 76% last year. Forecast streamflows range from 75% to 121% of average. Reservoir storage is at 86% of capacity, 22% more than last year. The Surface Water Supply Index is at 73%, or only 27% in 100 years would have more total water available. General water supply conditions are above average.

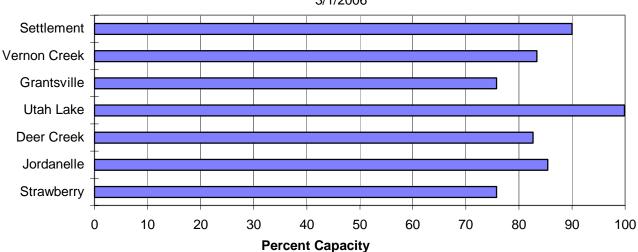
### **Provo River Snowpack**



### **Provo River Precipitation**



### Reservoir Storage 3/1/2006



### 

### UTAH LAKE, JORDAN RIVER & TOOELE VALLEY Streamflow Forecasts - March 1, 2006

		<<=====	Drier ====	== Future Co	nditions ==	===== Wetter	====>>	
Forecast Point	Forecast	!   =======	.=======	= Chance Of E	xceeding * =	.========	======	
	Period	90%	70%	50	%	30%	10%	30-Yr Avg.
		(1000AF)	(1000AF)	(1000AF)		(1000AF)	(1000AF)	(1000AF)
Spanish Fork River nr Castilla	APR-JUL	37	62	85	110	109	123	77
Provo River nr Woodland	APR-JUL	89	106	118	115	130	147	103
Provo River nr Hailstone	APR-JUL	87	109	123	113	138	159	109
Deer Creek Resv Inflow	APR-JUL	88	121	143	114	165	197	126
American Fk Abv Upper Powerplant	APR-JUL	31	35	38	119	41	45	32
Utah Lake inflow	APR-JUL	189	269	340	105	411	490	325
Little Cottonwood Ck nr SLC	APR-JUL	36	41	45	113	49	54	40
Big Cottonwood Ck nr SLC	APR-JUL	36	42	46	121	50	56	38
Mill Creek nr SLC	APR-JUL	4.8	6.3	7.5	107	8.7	10.2	7.0
Parley's Creek nr SLC	APR-JUL	9.4	14.7	18.4	110	22	27	16.7
Dell Fork nr SLC	APR-JUL	4.0	6.4	7.8	115	9.2	11.7	6.8
Emigration Creek nr SLC	APR-JUL	1.5	3.3	4.7	104	6.1	7.9	4.5
City Creek nr SLC	APR-JUL	6.1	8.3	10.0	115	11.7	13.9	8.7
Vernon Creek nr Vernon	APR-JUL	0.7	0.9	1.1	78	1.4	1.9	1.5
Settlement Creek Abv Resv Nr Tooele	APR-JUL	0.5	0.9	1.4	75	1.9	2.9	1.9
South Willow Creek nr Grantsville	APR-JUL	2.0	2.9	3.4	105	3.9	4.8	3.2

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
Reservoir Storage (1000 AF) - End of February

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY Watershed Snowpack Analysis - March 1, 2006

Reservoir beorage (10	Reservoir Storage (1000 AF) - End of restuary						March 1,	2000
						=======		
Reservoir	Usable   Capacity		able Stora Last Year	ge *** Avg	   Watershed 	Number of ata Sites		r as % of ====== Average
	·				i			
DEER CREEK	149.7	123.7	121.0	107.4	PROVO RIVER & UTAH LAKE	7	85	105
GRANTSVILLE	3.3	2.5	2.2	2.2	PROVO RIVER	4	86	116
SETTLEMENT CREEK	1.0	0.9	0.7	0.6	   JORDAN RIVER & GREAT SAL	т 6	103	128
STRAWBERRY-ENLARGED	1105.9	838.1	722.5	637.8	TOOELE VALLEY WATERSHEDS	3	69	88
UTAH LAKE	870.9	869.6	511.3	825.1	UTAH LAKE, JORDAN RIVER	<u>&amp;</u> 16	91	112
VERNON CREEK	0.6	0.5	0.6					

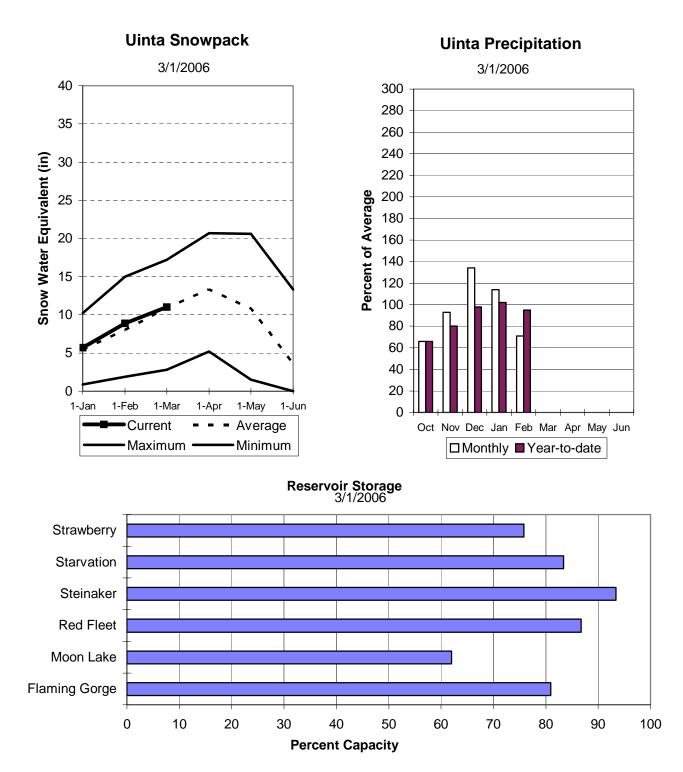
<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

<sup>(2) -</sup> The value is natural volume - actual volume may be affected by upstream water management.

### **Uintah Basin and Dagget SCD's Mar 1, 2006**

Snowpacks across the Uintah Basin and North Slope areas are near average at 100%, which is 64% of last year. The North Slope ranges from 50% to 131% and the Uintah Basin ranges from 67% to 128% of average. Precipitation during February was below average at 71% bringing the seasonal accumulation (Oct-Feb) to 95% of average. Soil moisture values in runoff producing areas are at 32% of saturation in the upper 2 feet of soil compared to 58% last year. Reservoir storage is at 78% of capacity, 10% more than last year. The Surface Water Supply Index for the western area is 79% and for the eastern area it is 46% indicating above normal conditions on the west side and average for the eastern area. Streamflow forecasts range from 69% to 113% of average. General water supply conditions range from above to below average from west to east.



### \_\_\_\_\_\_

### UINTAH BASIN & DAGGET SCD'S Streamflow Forecasts - March 1, 2006

						======= ===== Wetter		
Forecast Point	Forecast Period	90% (1000AF)	70% (1000AF)	50 (1000AF)	)% (% AVG.)		10% (1000AF)	30-Yr Avg. (1000AF)
Blacks Fork nr Robertson	APR-JUL	<b>64</b>	80	========   92	97	========   105	125	95
EF of Smiths Fork nr Robertson	APR-JUL	18.2	24	   28	97	   33	40	29
Flaming Gorge Reservoir Inflow (2)	APR-JUL	798	1055	   1250	105	   1462	1803	1190
Big Brush Ck abv Red Fleet Resv	APR-JUL	8.6	12.4	15.5	74	18.9	25	21
Ashley Creek nr Vernal	APR-JUL	21	30	   36	69	   43	55	52
WF Duchesne River nr Hanna (2)	APR-JUL	18.4	23	   27 	113	31	37	24
Duchesne R nr Tabiona (2)	APR-JUL	75	95	110	105	126	152	105
Upper Stillwater Resv Inflow	APR-JUL	64	75	   83	101	   91	104	82
Rock Ck nr Mountain Home (2)	APR-JUL	67	80	   89	100	   99	114	89
Duchesne R abv Knight Diversion (2)	APR-JUL	133	163	   185	98	   208	245	188
Strawberry R nr Soldier Springs (2)	APR-JUL	34	50	   62	105	   76	98	59
Currant Creek Reservoir Inflow (2)	APR-JUL	11.7	19.5	   26	104	33	46	25
Strawberry R nr Duchesne (2)	APR-JUL	69	98	120	99	   145	186	121
Lake Fork River Moon Lake Inflow	APR-JUL	47	57	   64	94	   71	83	68
Yellowstone River nr Altonah	APR-JUL	40	51	   59	95	   68	81	62
Duchesne R at Myton (2)	APR-JUL	122	193	   250	96	315	424	260
Whiterocks near Whiterocks	APR-JUL	22	31	   39	70	   47	61	56
Duchesne R nr Randlett (2)	APR-JUL	146	234	   305 	94	   386 	521	324

UINTAH BA Reservoir Storage (	SIN & DAGGET S 1000 AF) - End		-		UINTAH BASIN A Watershed Snowpack A	nalysis -	March 1,	2006
Reservoir	Usable   Capacity	*** Usa This Year	able Stora Last Year	age *** Avg	Watershed Da	Number of ta Sites	This Yea: ======= Last Yr	r as % of ======= Average
FLAMING GORGE	3749.0	3034.0	2784.0	2919.0	UPPER GREEN RIVER in UTAH		64	84
MOON LAKE	49.5	30.7	22.0	29.8	ASHLEY CREEK	2	29	56
RED FLEET	25.7	22.3	16.3	18.4	BLACK'S FORK RIVER	2	117	108
STEINAKER	33.4	31.2	20.1	22.8	SHEEP CREEK	1	49	60
STARVATION	165.3	137.8	142.0	135.9	DUCHESNE RIVER	11	64	106
STRAWBERRY-ENLARGED	1105.9	838.1	722.5	637.8	LAKE FORK-YELLOWSTONE CRE	4	66	108
					STRAWBERRY RIVER	4	79	110
					UINTAH-WHITEROCKS RIVERS	2	37	86
					UINTAH BASIN & DAGGET SCD	17	64	100

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

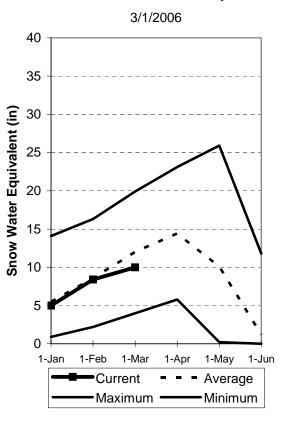
<sup>(2) -</sup> The value is natural volume - actual volume may be affected by upstream water management.

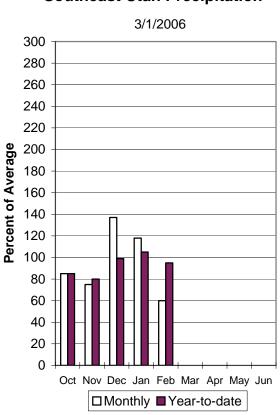
### Carbon, Emery, Wayne, Grand and San Juan Co. March 1, 2006

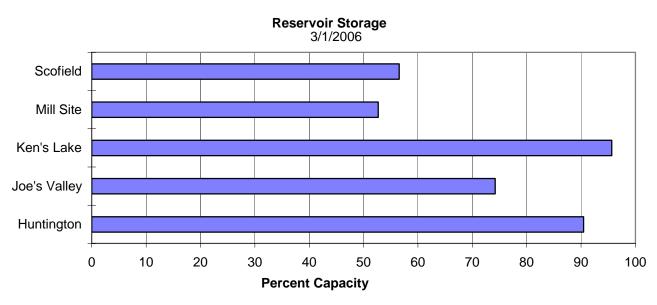
Snowpacks in this region are below normal at 84% of average, about 59% of last year. The Abajos and Book Cliffs are much drier at 22% to 25% of average, while the Wasatch Plateau is at 107% of average. Individual sites range from 22% to 124% of average. Precipitation during February was much below average at 60%, bringing the seasonal accumulation (Oct-Feb) to 95% of normal. Soil moisture estimates in runoff producing areas are at 35% of saturation in the upper 2 feet of soil compared to 60% last year. Forecast streamflows range from 6% to 104% of average. Reservoir storage is at 65% of capacity, up 27% from last year. Surface Water Supply Indices for the area are: Price 78%, San Rafael area 66% and Moab 37%. General runoff and water supply conditions are near normal, but extremely variable over the region.

### **Southeast Utah Snowpack**

### Southeast Utah Precipitation







### \_\_\_\_\_

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co. Streamflow Forecasts - March 1, 2006

		<<=====	<====== Drier ====== Future Conditions ====== Wetter =====>>							
Forecast Point	Forecast	   ======		= Chance Of F	Exceeding * =					
10100000 101110	Period	90%	70%		0%	30%	10%	30-Yr Avg.		
		(1000AF)	(1000AF)		(% AVG.)	(1000AF)	(1000AF)	(1000AF)		
Garach anns Garach an Garafield				l						
Gooseberry Creek nr Scofield	APR-JUL	7.4	9.6	11.2 	94	12.9 	15.7	11.9		
Price River near Scofield Reservoir	APR-JUL	17.5	30	39	87	48 	60	45		
White River blw Tabbyune Creek	APR-JUL	7.7	11.5	14.4	83	17.7	23	17.3		
Green River at Green River, UT (2)	APR-JUL	2060	2800	3300	104	3800	4540	3170		
Huntington Ck Inflow to Electric Lk	APR-JUL	9.8	13.2	15.7	100	18.5	23	15.7		
Huntington Ck nr Huntington	APR-JUL	25	36	44	88	52	63	50		
Joe's Valley Resv Inflow	APR-JUL	36	49	58	100	68	85	58		
Ferron Ck (Upper Station) nr Ferron	APR-JUL	26	33	38	97	43	52	39		
Colorado River Near Cisco (2)	APR-JUL	2320	3650	   4550	98	5450	6780	4650		
Mill Creek at Sheley Tunnel nr Moab	APR-JUL	1.6	2.3	2.8	56	3.4	4.4	5.0		
Seven Mile Ck nr Fish Lake	APR-JUL	3.3	4.6	5.6	80	6.7	8.6	7.0		
Muddy Creek nr Emery	APR-JUL	13.2	17.1	20	101	23	28	19.9		
North Ck ab R.S. nr Monticello	MAR-JUL	0.0	0.0	0.1	7	0.1	0.2	0.8		
South Ck ab Lloyd's Res nr Monticell	MAR-JUL	0.0	0.0	0.1	6	0.2	0.4	1.4		
Recapture Ck Bl Johnson Ck nr Blandi	MAR-JUL	0.1	0.1	0.3	6	0.6	1.3	5.0		
San Juan River near Bluff (2)	APR-JUL	157	305	   375 	31	   600 	930	1230		
				I		I				

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.

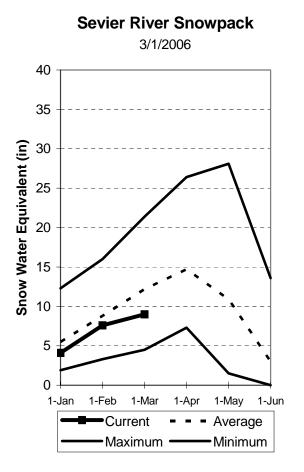
Reservoir Storage (100	0 AF) - End	of Februa	ıry		Watershed Snowpac	k Analysis -	March 1,	2006
Reservoir	Usable   Capacity	======= *** Usak This Year	ole Storage Last Year	*** Avg	     Watershed 	Number of Data Sites		r as % of ====== Average
HUNTINGTON NORTH	4.2	3.8	3.6	3.4	PRICE RIVER	3	80	97
JOE'S VALLEY	61.6	45.7	37.1	41.5	SAN RAFAEL RIVER	3	102	102
KEN'S LAKE	2.3	2.2	0.5	1.3	MUDDY CREEK	1	86	114
MILL SITE	16.7	8.8	4.9	84.9	FREMONT RIVER	3	36	68
SCOFIELD	65.8	37.2	10.5	34.8	LASAL MOUNTAINS	1	52	68
					BLUE MOUNTAINS	1	9	22
					WILLOW CREEK	1	14	25
					CARBON, EMERY, WAYNE,	GRA 13	59	84

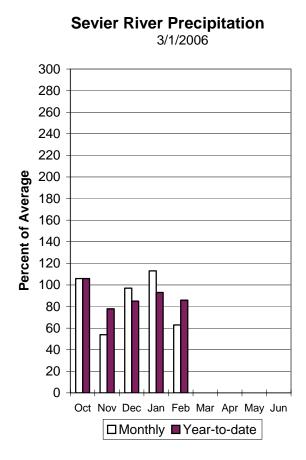
<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

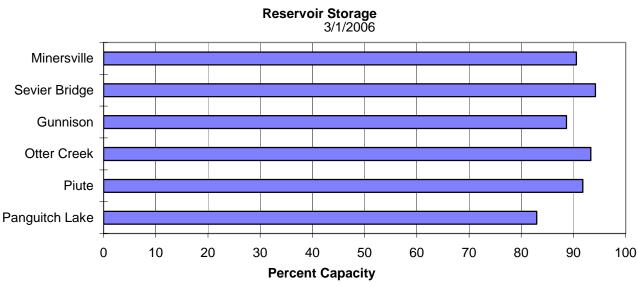
<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.(2) - The value is natural volume - actual volume may be affected by upstream water management.

### Sevier and Beaver River Basins Mar 1, 2006

Snowpacks on the Sevier River Basin are below normal at 74% of average, about 46% of last year and down 12% relative to last month. Individual sites range from 0% to 120% of average. Precipitation during February was much below average at 63% of normal, bringing the seasonal accumulation (Oct-Feb) to 86% of average. Soil moisture estimates in runoff producing areas are at 46% of saturation (Sevier) in the upper 2 feet of soil compared to 68% last year. Streamflow forecasts range from 33% to 99% of average. Reservoir storage is at 93% of capacity, 60% more than last year. Surface Water Supply Indices are: Upper Sevier 43%, Lower Sevier 48% and Beaver 53%. Water supply conditions are near average due to excellent reservoir carryover.







### \_\_\_\_\_\_

### SEVIER & BEAVER RIVER BASINS Streamflow Forecasts - March 1, 2006

		=======	=======				=======	
		<<=====						
Forecast Point	Forecast			- Change Of E	Pracedina * :			 
Forecast Point	Period	90%	70%	= Chance of E		 l 30%	10%	l   30-Yr Avg.
		(1000AF)	(1000AF)		(% AVG.)	(1000AF)	(1000AF)	(1000AF)
		<u>-</u>		j		İ =======		========
Sevier River at Hatch	APR-JUL	4.4	21	30	55	40	56	55
					45		80	89
Sevier River nr Kingston	APR-JUL	5.3	26	40 I	45	54 	80	89
EF Sevier R nr Kingston	APR-JUL	2.9	16.7	l l 26	68	l l 35	49	38
<b>3</b>				İ				
Sevier R blw Piute Dam	APR-JUL	19.0	49	60	48	86	129	126
Clear Creek Aby Diversions Nr Sevier		2.9	9.2	   13.5	61	   17.8	24	22
Clear Creek ADV Diversions Nr Sevier	APR-JUL	2.9	9.2	13.5 	91	17.8	24	22
Salina Creek at Salina	APR-JUL	3.7	5.1	9.3	47	   17.9	30	19.7
Manti Ck Blw Dugway Ck Nr Manti	APR-JUL	11.6	15.3	18.1	99	21	26	18.3
							2.50	222
Sevier R nr Gunnison	APR-JUL	70	97	140	50	224	360	280
Chicken Creek nr Levan	APR-JUL	0.9	1.7	1 2.4	53	l   3.3	5.1	4.5
				i		i		
Oak Creek nr Oak City	APR-JUL	0.6	0.9	1.1	67	1.4	1.8	1.7
Beaver River nr Beaver	APR-JUL	12.3	15.6	18.3	68	21	26	27
Minersville Reservoir inflow	APR-JUL	0.9	3.2	l l 5.5	33	l l 8.5	14.1	16.6
				3.3				2013
				•		•		

SEVIER & BEAN Reservoir Storage (100				SEVIER & BEAV Watershed Snowpack			2006	
Reservoir Storage (100	=========	=======	ary	 	watershed showpack	=========	march 1,	=======
_	Usable		ble Storag	ge ***		Number		r as % of
Reservoir	Capacity	This Year	Last Year	Avq	Watershed	of ata Sites	Last Yr	Average
				======				=======
GUNNISON	20.3	18.0	4.3	14.6	UPPER SEVIER RIVER (sout	h 8	26	59
MINERSVILLE (RkyFd)	23.3	21.1	8.0	16.2	EAST FORK SEVIER RIVER	3	30	66
OTTER CREEK	52.5	49.0	22.1	40.0	SOUTH FORK SEVIER RIVER	5	24	56
PIUTE	71.8	65.9	26.8	53.3	LOWER SEVIER RIVER (incl	u 6	92	88
SEVIER BRIDGE	236.0	222.3	72.0	175.6	BEAVER RIVER	2	52	76
PANGUITCH LAKE	22.3	18.5	8.0	146.8	SEVIER & BEAVER RIVER BA	s 16	45	74

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

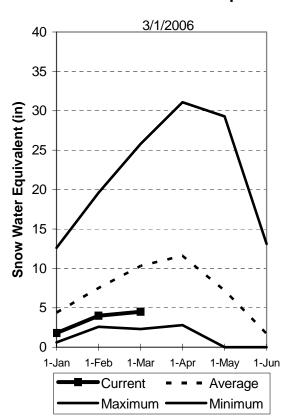
<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

<sup>(2) -</sup> The value is natural volume - actual volume may be affected by upstream water management.

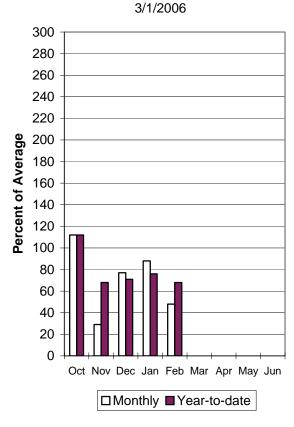
### E. Garfield, Kane, Washington, & Iron Co. March 1, 2006

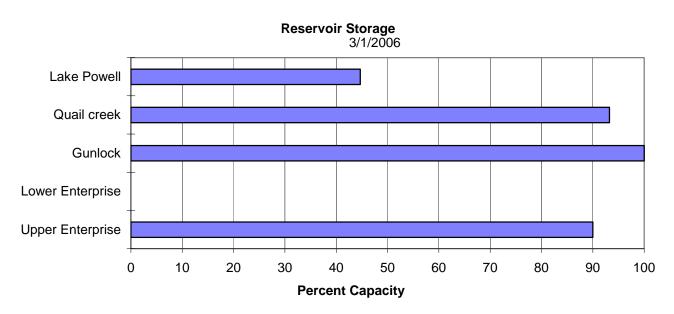
Snowpacks in this region are much below normal at 44% of average, about 19% of last year. Individual sites range from 0% to 77% of average. Precipitation was much below normal during February at 48% of average, bringing the seasonal accumulation (Oct-Feb) to 68% of normal. Soil moisture estimates in runoff producing areas are at 31% of saturation in the upper 2 feet of soil compared to 76% last year and up 4% from last month. Forecast streamflows range from 22% to 41% of average. Reservoir storage is at 90% of capacity, 5% less than last year. The Surface Water Supply Index is at 35%, indicating below normal water availability.

### **Southwest Utah Snowpack**



### **Southwest Utah Precipitation**





### E. GARFIELD, KANE, WASHINGTON, & IRON Co.

### Streamflow Forecasts - March 1, 2006

Forecast Point	Forecast Period	į	70% (1000AF)	= Chance Of I	Exceeding * =	30% (1000AF)		30-Yr Avg. (1000AF)
Lake Powell Inflow (2)	APR-JUL	4250	6010	7200	91	8390	10150	7930
Virgin River at Virgin	APR-JUL	14.1	19.8	   26	41	35	51	64
Virgin River near Hurricane	APR-JUL	12.4	19.3	   24	35	34	50	69
Santa Clara River nr Pine Valley	APR-JUL	0.2	0.8	1.4	26	2.2	3.6	5.5
Coal Creek nr Cedar City	APR-JUL	5.8	8.2	10.1	52	12.2	15.6	19.3
E. GARFIELD, KANE, WASHINGTON, & IRON Co.   E. GARFIELD, KANE, WASHINGTON, & IRON Co Reservoir Storage (1000 AF) - End of February   Watershed Snowpack Analysis - March 1, 2								
Reservoir	Usable   Capacity	*** Usabl This Year	Le Storage *: Last Year A	**     Wate   Va	rshed	Numbe of Data Si	====	Year as % of  Yr Average

Reperver Secretain (1000 III ) End of represent					material and path marrial 1, 2000				
	Usable	*** Usable Storage ***				Number	This Year	as % of	
Reservoir	Capacity	This	Last	į	Watershed	of	=======		
		Year	Year	Avg	Da	ta Sites	Last Yr	Average	
		1							
				======				40	
GUNLOCK	10.4	10.4	10.4	4.9	VIRGIN RIVER	5	17	49	
LAKE POWELL	24322.0	10871.0	8288.0		PAROWAN	2	26	70	
				į					
QUAIL CREEK	40.0	37.3	36.8	29.7 İ	ENTERPRISE TO NEW HARMONY	2	3	4	
20112 011221		00	5515			_	•	-	
HODED ENMEDDIGE	10.0	9.0	10.0		COM CDEEK	2	25	65	
UPPER ENTERPRISE	10.0	9.0	10.0	!	COAL CREEK	4	25	65	
				!					
LOWER ENTERPRISE	2.6	0.0	2.6	90.0	ESCALANTE RIVER	2	27	56	
				į	E. GARFIELD, KANE, WASHIN	9	20	44	
				i					

\* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.(2) - The value is natural volume - actual volume may be affected by upstream water management.

UTAH			
SURFACE	WATER	SUPPLY	INDEX
<b>Snow Surveys</b>	NRCS	USDA	
Basin or Region	SWSI/%	Percentile	Years with
1-Mar-06			Similar SWSI
Bear River	-2.4	21%	95,02,90,62
Ogden River	0.40	55%	79,93,95,96
Weber River	2.71	83%	74,80,85,95
Provo	2.0	73%	80,71,74,99
West Uintah Basin	2.4	79%	05,01,00,99
East Uintah Basin	-0.3	46%	80,82,96,00
Price River	2.6	82%	58,68,75,96
San Rafael	2.3	77%	79,97,85,73
Moab	-0.2	48%	96,82,91,94
<b>Upper Sevier River</b>	-0.6	43%	78,96,71,76
<b>Lower Sevier River</b>	-0.2	48%	76,89,71,96
Beaver River	0.3	53%	71,96,78,74
Virgin River	-1.3	35%	04,96,85,97
Snow Surveys			SWSI Scale: -4 to 4 Percentile: 0 -
245 N Jimmy Doolittle Ro Salt Lake City, UT (801) 524-5213	d		100%

### What is a Surface Water Supply Index?

The surface water supply Index (SWSI) is a predictive indicator of total surface water availability within a watershed for the spring and summer water use seasons. The index is calculated by combining pre-runoff reservoir storage (carryover) with forecasts of spring and summer streamflow which are based on current snowpack and other hydrologic variables. SWSI values are scaled from +4.1 (abundant supply) to -4.1 (extremely dry) with a value of zero (0) indicating media water supply as compared to historical analysis. SWSI's are calculated in this fashion to be consistent with other hydroclimatic indicators such as the Palmer Drought Index and the Precipitation index.

Utah Snow Surveys has also chosen to display the SWSI as a PERCENT CHANCE OF NON-EXCEEDANCE. While this is a very cumbersome name, it has the simplest application. It can be best thought of as a simple scale of 1 to 99 with 1 being the drought of record (driest possible conditions) and 99 being the flood of record (wettest possible conditions) and a value of 50 representing average conditions. This rating scale is a percentile rating as well, for example a SWSI of 75% means that this years water supply is greater than 75% of all historical events and that only 25% of the time has it been exceeded. Conversely a SWSI of 10% means that 90% of historical events have been greater than this one and that only 10% have had less total water supply. This scale is far more intuitive for most people and is totally comparable between basins: a SWSI of 50% means the same relative ranking on watershed A as it does on watershed B, which may not be strictly true of the +4 to -4 scale.

For more information on the SWSI go to:  $\underline{www.ut.nrcs.usda.gov/snow/}$  on the water supply page. The entire period of historical record for reservoir storage and streamflow is available.

### SNOW COURSE DATA

MARCH 2006

SNOW COURSE	ELEV.	DATE				
			DEPTH	CONTENT	YEAR	71-00
AGUA CANYON SNOTEL	8900	3/01	15	4.8	19.9	7.3
ALTA CENTRAL	8800			45.3	37.4	
BEAVER DAMS SNOTEL		3/01	30	9.4	6.7	
BEAVER DIVIDE SNOTEL	8280	3/01	41	12.4	11.1	10.2
BEN LOMOND PK SNOTEL		3/01	97	35.0	41.9	34.3
BEN LOMOND TR SNOTEL		3/01	62	21.1	19.8	
BEVAN'S CABIN	6450	2/26	29	8.6	9.3	9.2
BIG FLAT SNOTEL BIRCH CROSSING	8100	3/01 2/24	45 17	11.8 4.7	8.1	
BLACK FLAT-U.M. CK S		3/01		7.7	10.7	8.5
BLACK'S FORK GS-EF			34	9.2	9.0	
BLACK'S FORK JUNCTN			34	9.5	6.8	
BOX CREEK SNOTEL	9800	3/01	34	9.5	17.2	11.0
	10000	2/24	39		30.6	
BRIGHTON SNOTEL	8750		66	25.2	27.9	
BRIGHTON CABIN	8700		75	27.1		23.1
BROWN DUCK SNOTEL BRYCE CANYON	8000	3/01 2/28	62 6	17.2 2.0	28.9 13.8	
	9800		51	17.3	15 5	15 3
BUCK PASTURE	9700	2/25	63	18.4	16.5	14.0
BUCKBOARD FLAT	9000	_,			22.7	11.0
BUG LAKE SNOTEL		3/01	62	21.5	18.1	17.1
BURT'S-MILLER RANCH			18	4.7	5.7	4.7
CAMP JACKSON SNOTEL			12	2.9	31.3	
CASCADE MOUNTAIN SNO			49	16.1	18.6	
CASTLE VALLEY SNOTEL			33	8.3	25.9	
CHALK CK #1 SNOTEL CHALK CK #2 SNOTEL	9100		72 45	22.8 12.5	22.6 14.4	19.9 12.9
CHALK CREEK #3	7500		25		7 0	60
CHEPETA SNOTEL	10300	3/01	42	10.2	27.2	11.4
CLAYTON SPRINGS SNTL			28	6.5	21.7	_
CLEAR CK RIDG #1 SNT	9200		28 51	17.8	21.9	
CLEAR CK RIDG #2 SNT	8000	3/01	40 14	9.7	14.1	12.3
CORRAL	8200	2/25		3.3	-	-
CURRANT CREEK SNOTEL		3/01	37	10.4	12.3 19.8	9.6
DANIELS-STRAWBERRY S			48	19.4	19.8	15.1
DILL'S CAMP SNOTEL DONKEY RESERVOIR SNO	9200 9800	3/01 3/01	42 20	14.0 5.1	16.2 11.2	12.3 6.6
DRY BREAD POND SNTL		3/01	59	19.9	20.0	
DRY FORK SNOTEL	7160		59 41	12.0	9.6	14 5
EAST WILLOW CREEK SN	8250	3/01	8 90	1.8	12.5	7.1
FARMINGTON U. SNOTEL	8000	3/01			39.6	27.3
FARMINGTON LOWER SC		2/26 3/01	68	23.4	22.9	21.2
FARMINGTON L. SNOTEL			59	19.8	20.6	
FARNSWORTH LK SNOTEL FISH LAKE		3/01 2/24	44 20	12.4 5.6	17.8 9.8	
FIVE POINTS LAKE SNO			56	15.3	23.1	
G.B.R.C. HEADQUARTER			46	14.3	14.5	13.8
	10000		68	22.8	23.4	
GARDEN CITY SUMMIT	7600		52	16.3	19.2	13.5
GARDNER PEAK SNOTEL		3/01	16	4.6	21.6	-
GEORGE CREEK	8840	2/26	64	20.6	26.6	
GOOGEDERRY R.S.	8400	2/24	35 36	9.3	10.0	9.9
GOOSEBERRY R.S. SNTL GUTZ PEAK SNOTEL	6820	3/01 3/01	26 0	7.0 .0	8.2 21.5	7.9 -
HARDSCRABBLE SNOTEL		3/01	57	22.3	18.3	
	7700	3/01	0	.0	19.4	6.9
HAYDEN FORK SNOTEL	9100	3/01	56	17.6	15.9	
HENRY'S FORK	10000	2/25	43	12.0	11.1	10.5
HEWINTA SNOTEL	9500	3/01	40	10.3	7.7	9.1
HICKERSON PARK SNTL		3/01	19	3.5	7.1	5.8
HIDDEN SPRINGS HOBBLE CREEK SUMMIT	5500 7420		18 49	6.0 15.8	1.2 13.8	5.9 13.1
HOLE-IN-ROCK SNOTEL			28	5.9	5.7	
HORSE RIDGE SNOTEL			64	24.4	19.8	
HUNTINGTON-HORSESHOE			59	21.1	23.4	
INDIAN CANYON SNOTEL		3/01	31	7.8	19.6	9.6
JOHNSON VALLEY	8850	2/24	23	5.7	10.6	6.4

_	SNOW COURSE	ELEV.				LAST YEAR	
	JONES CORRAL G.S.	9720					_
	KILFOIL CREEK	7300	2/26	47	15.3	14.0	
	KILFOIL CREEK KILLYON CANYON	6300	2/26 2/28	29	10.6	3.2	8.7
	KIMBERLY MINE SNOTEL	9300	3/01	31	10.0	16.9 16.5	13.3
	KIMBERLY MINE SNOTEL KING'S CABIN SNOTEL	8730	3/01	23	10.0 4.7	16.5	9.4
	KLONDIKE NARROWS KOLOB SNOTEL	7400	2/26	62	22.7	17.8	16.8
	KOLOB SNOTEL	9250	3/01	36	9.4	17.8 46.2	17.8
	LAKEFORK #1 SNOTEL LAKEFORK BASIN SNTL	10100	3/01	43	8.7	19.8	10.5 16.6
	LAKEFORK BASIN SNTL	10900	3/01	69	19.3	20.4	16.6
	LAKEFORK MOUNTAIN #3 LAMBS CANYON	8400	2/25	21	4.1	12.5	6.1
	LAMBS CANYON	7400	3/01	53	17.5	13.3	14.5
	LASAL MOUNTAIN LOWER	8800				10.2	8.1 10.7
	LASAL MOUNTAIN SNTL						
	LIGHTNING RIDGE SNTL	8220	3/01	-	18.3	16.2 13.4	-
	LILY LAKE SNOTEL	9050	3/01	46	12.1	13.4	10.8
	LITTLE BEAR LOWER	6000	2/26	40	11.7 11.1	13.4	10.2 12.8
	LITTLE BEAR SNOTEL	6550	3/01	34	11.1	14.4	12.8
	LITTLE GRASSY SNOTEL LONG FLAT SNOTEL LONG VALLEY JCT. SNT LOOKOUT PEAK SNOTEL LOST CREEK RESERVOIR LOUIS MEADOW SNOTEL MAMMOTH-COTTONWD SNT	6100	3/01	0	.0	2.1	
	LONG FLAT SNOTEL	8000	3/01	3	.5	14.0	
	LONG VALLEY JCT. SNT	7500	3/01	0	.0	13.4	5.8
	LOOKOUT PEAK SNOTEL	8200	3/01	82	30.1	26.1	20.1
	LOST CREEK RESERVOIR	6130	2/26	29	8.5	7.5	5.9
	LOUIS MEADOW SNOTEL	6700	3/01	53	21.1	15.7	
	MAMMOTH-COTTONWD SNT	8800	3/01		17.0	17.4	17.6
	MERCHANT VALLEY SNTL	8750	3/01	32	8.3	15.7	11.4
	MIDDLE CANYON	7000	2/26	40	13.4	11.4	12.2
	MIDWAY VALLEY SNOTEL	9800	3/01	47	13.5	57.7	19.4
	MILL CREEK	6950	3/01	55	18.7	13.8	16.6
	MILL-D NORTH SNOTEL	8960	3/01	76	27.1	27.3	21.0
	MILL-D SOUTH FORK	7400	2/28	65	19.8	15.0	16.9
	MINING FORK SNOTEL	8000	3/01	51	17.0	22.4	14.9
	MONTE CRISTO SNOTEL	8960	3/01	81	27.3	25.0	14.9 24.7
	MOSBY MTN. SNOTEL	9500	3/01	36	7.7	21.7	9.3
	MT.BALDY R.S.	9500	2/24	67	21.8	21.3	19.9
	MUD CREEK #2	8600	2/25	48	14 2	15 0	12.0
	MONTE CRISTO SNOTEL MOSBY MTN. SNOTEL MT.BALDY R.S. MUD CREEK #2 OAK CREEK	7760	2/24	34	8.2	11.9	10.0
	PANGUITCH LAKE R.S.	8200	2/24	10	2.8	11.9	4.0
	PANGUITCH LAKE R.S. PARLEY'S CANYON SNTL	7500	3/01	52	2.8 16.4	13.0	15.3
	PARRISH CREEK SNOTEL	7740	3/01		23.0	20.2	-
	PARRISH CREEK SNOTEL PAYSON R.S. SNOTEL	8050	3/01	44	23.0 14.4	15.2	17.2
	PICKLE KEG SNOTEL	9600	3/01	40	15.5	11.2	14.1
	PICKLE KEG SNOTEL PINE CREEK SNOTEL	8800	3/01	43	15.5 12.5	18.6	14.1 19.3
	RED PINE RIDGE SNTL	9200	3/01		14.9	13.4	14.2
	RED PINE RIDGE SNTL REDDEN MINE LOWER	8500	2/25	47	14.9 16.3	19.8	14.2 15.1
	REES'S FLAT	7300	2/24	40	10.5	9.7	11.2
	ROCK CREEK SNOTEL	7900	3/01	34	9.4	13.9	7.9
	ROCKY BN-SETTLEMT SN			49 34	16.6	24.9	
	SEELEY CREEK SNOTEL	10000		34	10.6	13.2	
				40	12.8	14.0	
	SMITH MOREHOUSE SNTL SNOWBIRD SNOTEL	9700	3/01	110	42.1	48.7	
			2/25	29	7.0	18.4	
	SQUAW SPRINGS	9300	2/24	27	6.6	11.4	
	STEEL CREEK PARK SNO			51	13.2	12.4	
		8550		35	9.6	9.8	8.8
	STRAWBERRY DIVIDE SN			53	18.2	18.6	
	SUSC RANCH	8200		6	1.5	17.6	
	TALL POLES	8800	2/24	33	8.8	17.8	12.1
	TEMPLE FORK SNOTEL			62	19.7	16.4	
	THAYNES CANYON SNTL			71	23.1	32.9	
	THISTLE FLAT	8500		48	14.8	-	_
	TIMBERLINE	9100	2/25	21	5.2	_	_
	TIMPANOGOS DIVIDE SN			63	20.2	32.5	20.4
	TONY GROVE LK SNOTEL			122	44.9	35.8	
	TONY GROVE R.S.	6250	2/26	47	15.0	14.2	11.3
	TRIAL LAKE	9960	2/25	71	26.5	27.5	
	TRIAL LAKE SNOTEL	9960	3/01	75	24.7	25.7	
		9400	3/01	25	5.1	17.2	8.1
	UPPER JOES VALLEY	8900	2/24	38	10.6	9.1	9.3
	VERNON CREEK SNOTEL		3/01	29	6.9	11.1	10.1
	VIPONT	7670	2/26	55	19.8	15.4	
	WEBSTER FLAT SNOTEL		3/01	26	8.0	27.7	
	WHITE RIVER #1 SNTL		3/01	40	9.7	16.2	11.6
	WHITE RIVER #3	7400	2/25	32	9.7	7.7	7.8
		9500	3/01	22	4.1	25.5	9.7
	WRIGLEY CREEK	9000	2/24	36	9.5	13.1	
	YANKEE RESERVOIR	8700	2/27	24	6.2	11.8	8.4



Issued by

Bruce I. Knight
Chief
Natural Resources Conservation Service
U.S. Department of Agriculture

Prepared by

Snow Survey Staff
Randall Julander, Supervisor
Ray Wilson, Hydrologist
Timothy Bardsley, Hydrologist
Mike Bricco, Hydrologist
Bob Nault, Electronics Technician

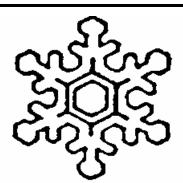
Released by

Sylvia Gillen State Conservationist Natural Resources Conservation Service Salt Lake City, Utah

YOU MAY OBTAIN THIS PRODUCT AS WELL AS CURENT SNOW, PRECIPITATION, TEMPERATURE AND SOIL MOISTURE, RESERVOIR, SURFACE WATER SUPPLY INDEX, AND OTHER DATA BY VISITING OUR WEB SITE @:

http://www.ut.nrcs.usda.gov/snow/

Snow Survey, NRCS, USDA 245 North Jimmy Doolittle Road Salt Lake City, UT 84116 (801) 524-5213



# Utah Water Supply Outlook Report

Natural Resources Conservation Service Salt Lake City, UT

